

## SYSTEM:OS - DIALOG OneSearch

File 2:INSPEC 1969-2004/Oct W4  
(c) 2004 Institution of Electrical Engineers

\*File 2: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 6:NTIS 1964-2004/Oct W5  
(c) 2004 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2004/Oct W4  
(c) 2004 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2004/Oct W5  
(c) 2004 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2004/Oct  
(c) 2004 ProQuest Info&Learning

File 65:Inside Conferences 1993-2004/Oct W5  
(c) 2004 BLDSC all rts. reserv.

File 94:JICST-EPlus 1985-2004/Oct W1  
(c)2004 Japan Science and Tech Corp(JST)

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep  
(c) 2004 The HW Wilson Co.

File 144:Pascal 1973-2004/Oct W4  
(c) 2004 INIST/CNRS

File 305:Analytical Abstracts 1980-2004/Oct W4  
(c) 2004 Royal Soc Chemistry

\*File 305: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 315:ChemEng & Biotec Abs 1970-2004/Oct  
(c) 2004 DECHEMA

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200471  
(c) 2004 Thomson Derwent

\*File 350: For more current information, include File 331 in your search. Enter HELP NEWS 331 for details.

File 347:JAPIO Nov 1976-2004/Jul(Updated 041102).  
(c) 2004 JPO & JAPIO

\*File 347: JAPIO data problems with year 2000 records are now fixed. Alerts have been run. See HELP NEWS 347 for details.

File 344:Chinese Patents Abs Aug 1985-2004/May  
(c) 2004 European Patent Office

File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

\*File 371: This file is not currently updating. The last update is 200209.

11/05/2004

10/700,388

Set	Items	Description
S1	431	AU=(HERTZ, D? OR HERTZ D?)
S2	8	S1 AND (MRI OR MAGNETIC(1W) (IMAG? OR IMAGING) OR MAGNETIC(- W) RESONAN? OR NMR OR NUCLEAR() MAGNETIC() RESONANCE OR FTNMR OR FTMRI OR MAGNETORESONANCE OR PMR OR PROTON(W) MAGNETIC(W) RESO- NAN? OR MR() (IMAGE? OR IMAGING))
S3	7	RD (unique items)
S4	423	S1 NOT S2
S5	3	S4 AND DIGITAL?(3N) (SIGNAL? OR PULS?)
S6	2	RD (unique items)
S7	420	S4 NOT S5
S8	47	S7 AND (MATRIX OR MATRICES OR MATRIXES)
S9	0	S8 AND (MATRIX OR MATRICES OR MATRIXES) (3N) CONFIGUR?
S10	0	S8 AND (FIRST OR ONE OR TWO OR SECOND) (3N) (ANALOG(1N) DIGIT- AL? OR CONVERT? OR ADC)

11/05/2004

10/700,388

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1951-2004/Oct W5

(c) format only 2004 The Dialog Corp.

\*File 155: Medline will stop updating COMPLETED records on November 17, 2004. Please see HELP NEWS 155 for details.

File 2:INSPEC 1969-2004/Oct W4

(c) 2004 Institution of Electrical Engineers

\*File 2: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 5:Biosis Previews(R) 1969-2004/Oct W5

(c) 2004 BIOSIS

File 6:NTIS 1964-2004/Oct W5

(c) 2004 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2004/Oct W4

(c) 2004 Elsevier Eng. Info. Inc.

File 73:EMBASE 1974-2004/Oct W5

(c) 2004 Elsevier Science B.V.

File 987:TULSA (Petroleum Abs) 1965-2004/Nov W1

(c)2004 The University of Tulsa

File 94:JICST-EPlus 1985-2004/Oct W1

(c)2004 Japan Science and Tech Corp(JST)

File 35:Dissertation Abs Online 1861-2004/Oct

(c) 2004 ProQuest Info&Learning

File 144:Pascal 1973-2004/Oct W4

(c) 2004 INIST/CNRS

File 105:AESIS 1851-2001/Jul

(c) 2001 Australian Mineral Foundation Inc

\*File 105: This file is closed (no updates)

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep

(c) 2004 The HW Wilson Co.

File 58:GeoArchive 1974-2004/Sep

(c) 2004 Geosystems

File 34:SciSearch(R) Cited Ref Sci 1990-2004/Oct W5

(c) 2004 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

File 292:GEOBASE(TM) 1980-2004/Oct B1

(c) 2004 Elsevier Science Ltd.

File 89:GeoRef 1785-2004/Oct B2

(c) 2004 American Geological Institute

\*File 89: Truncate SH codes for a complete retrieval.

File 65:Inside Conferences 1993-2004/Oct W5

(c) 2004 BLDSC all rts. reserv.

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200471

(c) 2004 Thomson Derwent

\*File 350: For more current information, include File 331 in your search. Enter HELP NEWS 331 for details.

File 347:JAPIO Nov 1976-2004/Jul(Updated 041102)

(c) 2004 JPO & JAPIO

\*File 347: JAPIO data problems with year 2000 records are now fixed. Alerts have been run. See HELP NEWS 347 for details.

Set	Items	Description
S1	1767020	MRI OR MAGNETIC(1W) (IMAG? OR IMAGING) OR MAGNETIC(W) RESONAN? OR NMR OR NUCLEAR()MAGNETIC() RESONANCE OR FTNMR OR FTMRI - OR MAGNETORESONANCE OR PMR OR PROTON(W)MAGNETIC(W) RESONAN? OR MR() (IMAGE? OR IMAGING)
S2	41122	MC=(S01-E02A2 OR S03-E07A OR S01-E02A8A OR S01-E02A1 OR S03-E07C OR S05-D02B1 OR S03-C02F1) OR IC=(G01R-003 OR G01N-024-/08 OR G01V-003/A75) OR CC=(A0758 OR A8760I OR B7510N)
S3	1781014	S1:S2
S4	259290	DIGITAL?(3N) (SIGNAL? OR PULS?)
S5	697032	(DIGITAL? OR SIGNAL? OR PULS?) (3N) (PROCESSING OR PROCESSED)
S6	849840	S4:S5
S7	36531	(FIRST OR ONE OR TWO OR SECOND) (3N) ANTEN?
S8	529805	(OUTPUT OR OUT() PUT) (3N) (SIGNAL? OR PULS?)
S9	1958872	MATRIX OR MATRICES OR MATRIXES
S10	3687	(MATRIX OR MATRICES OR MATRIXES) (3N) CONFIGUR?
S11	2480409	S8:S9
S12	76728	(FIRST OR ONE OR TWO OR SECOND) (3N) (ANALOG(1N) DIGITAL? OR - CONVERT? OR ADC)
S13	101647	ANALOG(1N) DIGITAL?
S14	4352	(ANALOG ? OR DIGITAL ?) (3N) CONVERT?
S15	174029	S12:S14
S16	2053502	SWITCH?
S17	7594	S3 AND S6
S18	41	S17 AND S7
S19	6	S18 AND S8
S20	6	RD (unique items)
S21	35	S18 NOT S19
S22	0	S21 AND S11
S23	2	S21 AND S15
S24	2	RD (unique items)
S25	33	S21 NOT S23
S26	31	S25 NOT S16
S27	31	RD (unique items)
S28	18815	S15 AND S11
S29	4196	S28 AND S16
S30	8	S29 AND S3
S31	8	RD (unique items)
S32	4188	S29 NOT S30
S33	1557	S32 AND S6
S34	13	S33 AND S7
S35	13	RD (unique items)
S36	1544	S33 NOT S34
S37	14	S36 AND S14
S38	14	RD (unique items)
S39	1530	S36 NOT S37
S40	471	S39 AND S5
S41	1	S40 AND S10